

CZECHOSLOVAKIA

CECHOVIC, V; GABCO, R; VASS, D.

Geological Institute D. Stura (GEologicky ustav D. Stura),
Bratislava (for all)

Prague, Casopis pro mineralogii a geologii, no 4, 1963, pp 353-358

"Geological Relationships of the Region of Mountain Stratum
in Handlova ~~dm~~ and ~~Q~~ Their Influence on the ~~Fem~~ Formation of
the Stratum."

VASS, Dionyz; GABCO, Rudolf

Contribution to the identification of presumed Triassic quartzites
near Zihlava, Lucenec District. Cas min geol 9 no.3:337-340 '64.

1. Dionyz Stur Geological Institute, Bratislava.

CZECHOSLOVAKIA

VANS, J.; SABCO, P.

Geological Institute A. Stura (Geologický ústav A. Stura),
Bratislava (for both)

Prague, Aspekty pro mineralogii a geologii, No 3, 1961,
pp 337-339

"Identification of the Hypothetical Grinssio Quartzites near
Zilava in the Lucence District."

SABOZYNSKI, Z.

Country : Poland
Category : Chemical Technology, Chemical Products (Part 3).
Food Industry
Abstr. Source : Ref. Farm-Siln, 1955, 10 7, 2, 103
Author : Sabozynski, Z.
Instit. :
Title : Improvement in the Methods of Technological
Processing of Dairy Products
Orig. Pub. : Przegl. mleczarski, 1955, 6, No 9, 13-14
Abstract : No abstract.

Page: 1/1

VODOP'YANOV, V.L.; BARKOVSKIY, V.M.; GABDRAKHIMOV, I.Kh.; DENISOV, M.I.

Actual state and factors of stability of carnallite workings
at the Solikamsk Mine. Nauch.trudy Perm NIUI no. 4:87-100
'62. (P RA 17:6)

VODOP'YANOV, V.I.; GABDRAKHIMOV, I.Kh.

Stressed state of carnallite pillars at the Solikamsk Mine.
Nauch. trudy PermNIUI no.6:123-129 '64.

(MIRA 18:2)

VODOP'YANOV, V.I.; GABDRAKHIMOV, I.Kh.; KUZNETSOV, A.A.

Readers' response to the article by S.G.Borisenko, V.M.Tubol'tsev,
and P.IA.talushko "Comparison of results of studying stresses
surrounding workings by means of photoelasticity and in nature";
"Ugol'", 1964, No.2. Ugol' 39 no.11:65 N '64.

(MIRA 18:2)

1. Permskiy nauchno-issledovatel'skiy ugol'nyy institut (for
Vodop'yanov, Gabdrakhimov). 2. Permskiy politekhnicheskii
institut (for Kuznetsov).

GAKH, I.G.; GABDRAKHMANOV, F.G.; BABIN, Ye.P.

Cation exchangers as catalysts for the alkylation of alkyl
benzenes. Zhur. ob. khim. 34 no.8:2807 Ag '64.
(MIRA 17:9)

SORKIN, Ya.G.; NEL'KENBAUM, Ya.I.; GABDRAKHMANOV, F.Kh.; KHAKIMOV, F.G;
SAYFUTDINOV, M.Z.

Industrial testing of the OKO nonionogenic demulsifying compound
on Romashkino oils. Khim.i tekhn.topl.i masel 7 no.9:24-27
S '62. (MIRA 15:8)

1. Chernikovskiy neftepererabatyvayushchiy zavod.
(Chernikovsk--Petroleum--Refining) (Emulsions)

GABDRAKHMANOV, R.M.

Prospects for finding oil and gas in the Kinzebulat structures.
Neftegaz. geol. i geofiz. no. 5:15-19 '63. (MIRA 17:5)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

GABDRAKHMANOV, R.M.

Oil and gas traps in reef massifs in the southern part of the
cis-Ural depression. Neftogaz, geol. i geof. no.5:33-37 '65.
(MIRA 18:7)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

L 28047-66 EWT(1) RO

ACC NR: AP6018177

SOURCE CODE: UR/0239/65/051/006/0723/0731

AUTHOR: Sergievskiy, M. V.; Gabdrakhmanov, R. Sh.; Nenashev, A. A.

23
B

ORG: Department of normal physiology, Medical Institute, Kuybyshev (Kafedra normal'noy fiziologii meditsinskogo instituta)

TITLE: Automatic activity of the respiratory center

SOURCE: Fiziologicheskiy zhurnal, v. 51, no. 6, 1965, 723-731

TOPIC TAGS: cat, brain, biologic respiration, pharmacology.

ABSTRACT: The action of a number of drugs blocking adreno- and cholinoreactive systems was studied on local application to the cerebral respiratory center of cats. Cocaine (blocking adreno- and cholinoreactive systems), aminazine, dihydroergotoxin (blocking adreno- and cholinoreactive systems), atropine (blocking m-cholinoreactive systems), diphacyl (blocking m-cholinoreactive systems and to some extent n-cholinoreactive systems), and tropacine (blocking principally n-cholinoreactive systems) were applied. Blocking of adreno- and cholinoreactive systems with dihydroergotoxin produced an irreversible stoppage of respiration, whereas the effect of agents that stopped respiration by blocking m- and n-cholinoreactive systems was counteracted by intravenous injection of adrenaline or noradrenaline. Combined application of adrenaline, eserine,

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ACC NR: AP6018177

and acetylcholine had a stronger effect in restoring respiration after adrenoactive and cholinoreactive systems were blocked than administration of one of these substances, but was ineffective on application of dihydroergotoxin. As compared with adrenaline, eserine and acetylcholine were ineffective in restoring respiration (e. g., after stoppage of respiration by means of cocaine.) The results obtained indicated that the activity of the respiratory center depends on a flow of afferent impulses to it and that functioning of adrenoactive systems is of greater importance for its activity as compared with that of cholinoreactive systems, although both types of system are essential for the maintenance of connections over which the flow of afferent impulses takes place. Orig. art. has: 6 figures. [JPRS]

SUB CODE: 06/ SUBM DATE: 27Jan64/ ORIG REF: 012/ OTH REF: 014

Cord 2/2 CC

L 23080-65 EWT(m)/EPF(c)/EPR/EWP(j)/T Pc-4/Pr-4/Ps-4 RPL WW/RM

ACCESSION NR: AP4049826

S/0360/64/000/003/0082/0086

AUTHOR: Imangaziyeva, G.K.; Gabdrakipov, V.Z.; Lyubman, N.Ya.; Shostak, F.T.; Dzhamaletdinova, M.K. B

TITLE: Structure and composition of styrene and formaldehyde interaction products prepared under various conditions

SOURCE: AN KazSSR. Izvestiya. Seriya khimicheskikh nauk, no. 3, 1964, 82-86

TOPIC TAGS: styrene formaldehyde resin, styrene copolymer, formaldehyde copolymer, Polymer structure, infrared spectroscopy 1

ABSTRACT: When treated with sulfuric acid, styrene-formaldehyde resins from cross-linked tridimensional polyelectrolytes with fixed sulfo-groups attached to the aromatic nucleus. The present authors undertook a study (by infrared spectroscopy) of the structure and composition of these resins depending on the concentration of sulfuric acid and the reaction time. The experimental method is described in detail and the results (resin yield: styrene used; C, H and O content; mol. weight; d_{20}^{20} , n_D^{20}) are tabulated in relation to the formaldehyde/styrene molar ratio (0.5:1 - 3:1), H_2SO_4 concentration (10 to 55% in the water phase) and reaction time (1-48 hrs). It was found that the direction of the reaction is determined by the H_2SO_4 concentration in the reaction mass: up to 40% H_2SO_4 , the

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L 23080-65

ACCESSION NR: AP4049826

predominant product is phenyl-1, 3-dioxane; at 40-50% H_2SO_4 - the products are chiefly styrene-formaldehyde resins with linear acetal chains incorporated in them. Orig. art. has: 1 figure, 5 chemical formulas and 1 table.

ASSOCIATION: None

SUBMITTED: 06Mar64

ENCL: 00

SUB CODE: OC, MT

NO REF SOV: 004

OTHER: 001

Card 2/2

GABDULIN, Mikhail Petrovich; YUZBASHEV, V.G., red.; RAKITIN, I.T.,
tekh. red.

[Every hour of work must be dedicated to the building of communism; collectives of communist labor are a school of economical management] *Kashdyi chas truda - stroitel'stvu kommunizma; kollektivy kommunisticheskogo truda - shkola ekonomnogo khoziaistvovaniia. Moskva, Izd-vo "Znanie," 1963. 46 p. (Novoe v zhizni, nauke, tekhnike. III Seria: Ekonomika, no.7) (MIRA 16:5)*
(Socialist competition) (Industrial management)

GABDULKHAYEV, B.G. (Kazan')

Approximate solution of singular integral equations by the method
of mechanical quadratures. Izv.vys.ucheb.zav.; mat. no.5:43-51
'65. (MIRA 18:10)

L 55464-65 EWT(d) IJP(c)
ACCESSION NR: AP5015850

UR/0140/65/000/003/0051/0060
517.94

AUTHOR: Gabdulkhayer, B. G. (Kazan)

TITLE: Direct method for solving integral equations /6

SOURCE: IVUZ. Matematika, no. 3, 1965, 51-60

TOPIC TAGS: integral equation, approximation calculation

ABSTRACT: An approximate solution in the form of a polygon of type

$$Px = \sum_{k=0}^{n-1} \tilde{x}(t_k) \varphi_k(t) = \sum_{k=0}^{n-1} x(t_k) \varphi_k(t) \quad (x \in H_n), \quad (1)$$

namely

$$\tilde{x}(t) = \sum_{k=0}^{n-1} c_k \varphi_k(t), \quad (2)$$

with coefficients determined from the system of linear algebraic equations

$$(K\tilde{x})(t_l) = y(t_l) \quad (l = 0, n-1) \quad (3)$$

is sought for the singular integral equation

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L 56464-65
ACCESSION NR: AP5015850

$$Kx = a(t)x(t) + \frac{1}{2\pi} \int_0^{2\pi} A(t, s) \operatorname{ctg} \frac{s-t}{2} x(s) ds = y(t), \quad (4)$$

with Hilbert kernel of normal type -- see N. I. Muskhelishvili (Singulyarnyye integral'nyye uravneniya. Fizmatgiz, M., 1962) -- where

$$a(t), A(t, s) \text{ и } y(t) \in H, \quad (0 < \alpha < 1). \quad (5)$$

The author shows that if (4) and (5) are uniquely solvable for any right part, then, under existence of certain linear operators defined in the paper, the solutions of (2) converge in the given metric to the precise solution. He also provides estimates of the rate of convergence. "The author expresses his deep gratitude to Professor B. M. Gagayev and Docent A. D. Lyashko for their consultations." Orig. art. has: 65 formulas.

ASSOCIATION: none

SUBMITTED: 25Jan64

ENCL: 00

SUB CODE: MA

NO REF SOV: 008

OTHER: 002

Card 2/2

L. N. GARDILLINA

Card 7/10

Chemistry of Sulphur Organic Compounds (Cont.)	807/8075
Odolesky, A.B., L.S. Galushina. Kinetics of Transformation of Methylsulphide by the Presence of an Aluminosilicate Solid Catalyst	105
Odolesky, A.B., V.I. Buzov. Kinetics of Transformation of cis-2,5- -11,9-dipropylsulphide in the Presence of an Aluminosilicate Solid Catalyst	200
Odolesky, A.B., B.M. Zhurav. Kinetics of Hydrogenolysis of a-butyldiol in the Presence of a Platinum Catalyst	219
Odolesky, A.B., A.V. Khabibula. Kinetics of Hydrogenolysis of Diethylsulphide in the Presence of an Aluminosilicate-Solid Catalyst	265
Berguly, V.I., V.G. Pyria. Catalytic Refining of Straight-Run Gasoline by Adsorbing Organic Sulphur Compounds	279

Introduction

From the Editorial Staff

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OBOLENTSEV, R.D.; GARDULLINA, L.N.

Kinetics of transformation of 2, 8-dimethyl-5-thianonane and 5, 7-dipropyl-6-thiaundecane in the presence of an aluminosilicate catalyst. Khim.sera-i azotorg.soced.sod.v nefi,i nefteprod. 3:261-270 '60. (MIRA 14:6)

1. Bashkirskiy filial AN SSSR, Otdel khimii.
(Nonane) (Undecane)
(Sulfur organic compounds)

S/081/62/000/010/046/085
B168/B180

AUTHORS: Obolentsev, R. D., Gabdullina, L. N.
TITLE: Transformation of certain sulfides in the presence of an aluminosilicate catalyst in pellet form
PERIODICAL: Referativnyy zhurnal. Khimiya, no. 10, 1962, 189, abstract 10Zh101 (Sb. "Khimiya seraorgan. soyedineniy, soderzhashchikhsya v neftyakh i nefteproduktakh. v. 4". M., Gostekhtekhnizdat, 1961, 145-150)

TEXT: The study covered the transformation of 2,6-dimethyl-4-thiaheptane (I), 2-methyl-4-thiaoctane (II), 2-methyl-5-thianonane (III), 4-thiatridecane (IV), 2,5,7,10-tetramethyl-6-thiaundecane (V), dibenzylsulfide (VI) and 1,3-dimethyl-1-(phenylthio)-butane (VII) in C_6H_6 solution in the presence of an aluminosilicate catalyst in pellet form at 350°C for a contact time of 0.02-2.5 sec. Kinetic and thermodynamic parameters are given for equations characterizing the decomposition of the sulfides. For I-IV the predominant products of

Card 1/2

Transformation of certain sulfides ...

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decomposition are mercaptans, and the quantity of mercaptan sulfur reaches 55-77%. Decomposition of V and VI, on the other hand, produces mainly H_2S (68-84% hydrosulfide sulfur). 80% mercaptan sulfur and only 2% hydrosulfide sulfur form from VII. Sulfides possessing radicals with a branched carbon chain (I, V, VI and VII) decompose more readily than those with radicals of normal structure (5-thiononane) (67.5% of the sulfide sulfur remains undecomposed with a contact time of 0.2 sec); sulfides possessing secondary radicals decompose more readily than those with primary radicals. Sulfide solutions in C_6H_6 were tested for heat stability by passing them over fragments of molybdenum glass at 350°C at the rate of 1 ml per min; I, II, III, IV, and VII underwent no change, 0.5% mercaptan formed from V and 0.4% mercaptan and 3% H_2S from VI. [Abstracter's note: Complete translation.] ✓

Card 2/2

AUTHOR: Gabduvaliyev, F. Teacher SOV-27-58-8-20/27
TITLE: Harvesting "White Gold" (Na uborke "Belogo Zolota")
PERIODICAL: Professional'no-tekhnicheskoye obrazovaniye, 1958, Nr 8,
page 32 (USSR)
ABSTRACT: The students of the Stalinabad Railroad School Nr 1 help
the kolkhozes of Tadzhikistan every year in harvesting
cotton. The pupils gathered 435 tons of cotton during the
last harvest season.
ASSOCIATION: Stalinabadskoye zheleznodorozhnoye uchilishche No 1 (The
Stalinabad Railroad School Nr 1)
1. Cotton--USSR

Card 1/1

GABE, T. P.

"Inheritance of Sex in Mercurialis Annua in Relation to Cytoplasmatic Theory of Sex Inheritance," Dokl. Akd., 23, No.5, 1939. Lab. Experimental Systematics. Peterhoff Biol. Inst. 1939.

GABE, D R.

USSR / Microbiology. General Problems. Method and F-1
Technique of Investigation.

Abs Jour: Ref Zhur-Biol., 1958, No 17, 76577.

Author : ~~Gabe, D. R.~~

Inst : Not given.

Title : Capillary Method for Direct Count of Microbe Bodies.

Orig Pub: Mikrobiologiya, 1957, 26, No 1, 109-117.

Abstract: For a direct count of microbes in water, it is proposed to use capillaries (C) of a rectangular section with a width 1-2 mm with 5 ducts (see illustration) which have a depth 30-40 μ , width $\sim 70\mu$ (i.e., less than the diameter of the field of vision of the microscope with an immersed objective), and length 4-5 cm. The production of C from sheet glass with a given form of the cross section became possible thanks to the glass engineering

Card 1/3

USSR / Microbiology. General Problems. Method and F-1
Technique of Investigation.

Abs Jour: Ref Zhur-Biol., 1958, No 17, 76577.

Abstract: technique developed by B. V. Perfil'vyy. For computation, C are immersed for 2-5 seconds in a carefully-shaken suspension of microbes, from which it "cuts out" liquid. Later, C are placed on a glass slide, where by means of 2 drops of melted paraffin their ends are secured to the glass and the contents are protected from evaporation. Computations proceed under the microscope on a determined segment of C in all five ducts, from which a series of strips with a length of 5 mm are applied to the glass. The control computations of suspensions of large and small microbes (Torula, Bacillus mycoides, Bacterium coli, etc.) and their mixtures showed that this method of cell count is accurate and fast. The bacteria in the C are spread evenly. With a content

Card 2/3

5

USSR / Microbiology. General Problems. Method and F-1
Technique of Investigation.

Abs Jour: Ref Zhur-Biol., 1958, No 17, 76577.

Abstract: of less than one million cells in one ml, a pre-
liminary concentration of the suspension is needed,
for example, by means of incomplete filtration of
it through a membrane filter (per N. F. Kholodniy).
-- A. S. Razumov.

Card 3/3

PERFIL'YEV, Boris Vasil'yevich; GABE, Dina Rafimovna; OSTROUMOV, B.A., prof.,
otv. red.; VIKHREEV, S.D., red. izd-va; ZAMARAYEVA, R.A., tekhn.red.

[Capillary methods of studying micro-organisms] Kapillarnye metody
izucheniia mikroorganizmov. Moskva, Izd-vo Akad. nauk SSSR, 1961.
534 p. (MIRA 14:5)

(Soil micro-organisms)

GABE, D.R.

Capillary method of studying the distribution of micro-organisms
in soil. Pochvovedenie no.1:81-86 Ja '61. (MIRA 14:1)

1. Laboratoriya gidrogeologicheskikh problem AN SSSR.
(Soil micro-organisms)

PAPAFIL, E.; PAPAFIL, M.; KLEINSTEIN, A.; GABE, I.; MACOVEI, V.

Research on the structure of the Cu-diphenyl-di-p-tolyloxalamidine compound. Anal St Jassy I 10 no.2:115-124 '64.

1. Laboratory of General and Physical Chemistry, "Al. I. Cuza" University. Submitted May 28-June 1, 1964.

GABE-JULIAN

Final
A study to obtain active carbon from different industrial residues. I. Conditions to obtain active carbons and their behavior. V. Abadi, Angela Popa, and Julian Gabe. *Acad. rep. populare Romania (1961), Studii cercet. chim. 8, 143-56 (1963).*—Expts. with residues from alcohol, beer, and sugar factories and with soom husk were carried out to obtain active C. After obtaining the crude C, the optimum conditions for its activation and the corresponding isotherms of absorption were detd. Temp. and length of carbonization

depend on the starting material, but the most favorable conditions are at 700-800° and 4-6 hrs. for carbonization. The activation of the carbon also depends on the raw material having its optimum at 800-850°, and the best quality of C requires between 0.5 and 1 hr. The isotherms of absorption detd. indicate the capacity of the different carbons obtained.
Emanuel Merdinger

GABE, I.

The viscosity of mixtures of aqueous solutions of lead nitrate and potassium nitrate. Iulian Gabe. *Acad. rep. populare Romane, Filiale Iasi, Studii termodinamice, Chim.* 9, 21-8(1968); cf. *Ibid.* 6, 329(1965).—The viscosity coeffs. of the system $\text{KNO}_3\text{-Pb}(\text{NO}_3)_2\text{-H}_2\text{O}$ were studied, with graphic representation of the viscosity variation as a function of the compn. of the mixt. The mon-variant method of Nayar and Pande was used (*C.A.* 42, 6898f). At mol. ratios of the concns. of KNO_3 and $\text{Pb}(\text{NO}_3)_2$ corresponding to the values 1, 2, and 4 the behavior of the system permits the assumption that $\text{KNO}_3\text{-Pb}(\text{NO}_3)_2$, $2\text{KNO}_3\text{-Pb}(\text{NO}_3)_2$, and $4\text{KNO}_3\text{-Pb}(\text{NO}_3)_2$ may be present in aq. solns. The results agree with similar observations reported by other investigators using different physicochem. methods.

R. A. Sanford

GABE, Iulian

A simple ultrathermostat for the physicochemical precision measurements, Studii chimie Iasi 10 no.1:131-135 '59. (EEAI 9:5)
(Precision methods and equipment) (Thermostat)

MAGERU, Victor; BLANARIU, Dragos; GABE, Iulian

Radioactivity of atmospheric fallouts. Studii fiz tehn Iasi 11 no.1:
29-37 '60. (EEAI 10:3)

1. Academia R.P.R., Filiala Iasi, Sectia de Cercetari Fizice. 2.
Comitetul de redactie, Studii si cercetari stiintifice, Fizica si
stiinte tehnice, Secretar stiintific de redactie (for Blanariu)
(Radioactive fall-out)

MANDASESCU, Laura; STOICESCU-CRIVAT, Leonia; GABE, I.

Reaction of the methyl group in heterocyclic compounds. III. Cyanic
dyes, derivatives of 2-methylbenzodiazine. Studii chim Iasi 11
no.2:311-322 '60.

1. Academia Republicii Populare Romine, Filiala Iasi, Institutul
de chimie "Petru Poni."

(Methyl group) (Cyclic compounds)

MANDASESCU, Laura; STOICESCU-CRIVAT, L.; GABE, I.

Reactivity of the heterocyclic methyl group. III. Cyaninic
colorants derived from 2-methylbenzodiazine. Rev chimie 6 no.2:
185-197 '61.

FISEL, S.; GABE, I.; PONI, Margareta, prof.

Chromatography of aluminum, gallium, indium, and thallium.
Pt. 1. Studii chim Iasi 13 no.1:33-47 '62.

1. Academia R.P.R., Filiala Iasi, Institutul de chimie "P. Poni", Sectia de chimie anorganica. 2. Membru al Comitetului de redactie, "Studii si cercetari stiintifice, Chimie" - Filiala Iasi - (for Poni).

MANDASESCU, Laura; STOICESCU-CRIVAT, Leonia; GABE, I.; LICA, S.;
STEFANESCU, M.

Reactivity of methyl group in heterocyclic compounds. IV.
Studii chim Iasi 13 no.1:115-127 '62.

1. Academia R.P.R., Filiala Iasi, Institutul de chimie si
fizica "Petru Poni", Sectia de chimie organica.

FISEL, S.; GABE, I.; PONI, Margareta

The chromatography of aluminum, gallium, indium, and thallium.
Pt. 2. Studii chim Iasi 13 no.2:151-156 '62.

I. Academia R.P.R. Filiala Iasi, Institutul de chimie si fizica
"P. Poni", Sectia de chimie anorganica.

IONI, Margareta E.; ROSSU, Marcel; ION, Nicolae; ION, Iulian

Salt complexed with 5-nitroisobutiric acid. See also: Rom. J. Chem. no. 10:574-584, 1964.

1. "Nicolae Ioni" Institute of Chemistry of the Romanian Academy, Bucharest branch, 41 A. I. Cuza Grigore Blvd. Buch.

AVRAMOVICI, S.; GABE, I.; ZUGRAVESCU, I.

Ketimino-3-oxazolidinedione-(2,4) and 4-oxazolone-3-hydrazone
of some nonsaturated ketones. Anal St Jassy I 10 no.2:165-171
'64.

1. Laboratory of Organic Chemistry, "Al. I. Cuza" University.

AFVENTIEV, B.; GABE, I.; OFFENBERG, H.; NICOLAESCU, T.

On the vibration of valence of the carbonyl group in
some 2-hydroxy- and 2-methoxy benzophenones. Anas St
Jassy I 10 no.2:173-182 '64.

1. Laboratory of Organic Syntheses, Chair of Organic Chemistry
"Al. I. Cuza" University, Iasi, and the "Petru Poni" Institute
of Chemistry, Rumanian Academy, Iasi Branch.

FOPA, A.; GARE, I.

Esterification of abietic acid with polyalcohols. Pt.3.
Anal St Jassy I 10 no.2:199-206 '64.

PONI, Margareta P.; BOSTAN, Marcel; IORGA, Nicolae; GABE, Iulian

Complex salts of the 5-nitrobarbituric acid. Pt.2. Studi
cere chim 13 no.10:619-628 O '64.

1. "Petru Poni" Institute of Chemistry, Rumanian Academy,
Iasi Branch, 41 A Alea Grigore Ghica Voda.

GABER, I.E.; KAN. G.S.

Relation between the chemical structure and pharmacological
action of streptomycin on the nervous system. Antibiotiki 8
no.3:245-251 Mr'63 (MIRA 17:4)

1. Laboratoriya eksperimental'noy patologii i terapii Lenin-
gradskogo nauchno-issledovatel'skogo instituta tuberkuleza.

GABEL', K.N.; MEDVEDEV, V.V.

Method for measuring the rotation speed of an oil centrifuge rotor.
Sbor.trud.Az NII NP no.4:170-172 '59. (MIRA 15:5)
(Lubrication and lubricants—Additives) (Centrifuges)

KHOTINSKIY, Ye.S.; GABEL', Yu.O.. professor, redaktor; STUCHEVSKIY, A.M.,
tekhnicheskii redaktor.

[Stereochemistry] Stereokhimiia. Kurs lektsii, Khar'kov, 1950. 143 p.
(Stereochemistry) (MLRA 8:2)

20

Syntheses in the series of sulfur-containing chemotherapeutic substances. Bis(4-nitro-1-naphthyl) sulfide and sulfone. Yu. O. Gabel and L. F. Shipilov (Kharkov State Univ.). *J. Gen. Chem. (U.S.S.R.)* 16, 2113-20 (1946) (in Russian).—In order to investigate the effect of the naphthalene nucleus on the therapeutic properties of sulfones and related compounds several derivatives were prepd. 1-CuH₂NHAc was nitrated according to Ferrero and Castlach (*C.A.* 23, 1407) with yields varying from 45 to 85%; m.p. of the mixed 2- and 4-isomers, 163-5°. The mixt. (20 g.) in 320 cc. EtOH was treated with a concd. soln. of 4 g. KOH and refluxed 10-12 hrs., then kept at 60-70° for several hrs.; after standing 12-14 hrs. 4-5 g. 1-amino-6-nitronaphthalene (I), m. 190-1°, pptd.; the filtrate on standing 2-3 days gave 2-2.5 g. mixed 1-amino-4-nitronaphthalene and 1-acetamido-2-nitronaphthalene, m. 160-75°, from which recrystn. from EtOH gave 1 g. I. The combined yield was but 10%. In an improved method of sepn., 20 g. nitration mixt. was hydrolyzed according to Lellmann (*Ber.* 20, 801 (1887)), and 158° in 250-40 cc. hot EtOAc was rapidly cooled to yield removal of the solvent left 3.5 g. (25%) of I. I was obtained in 39.4% yield from 1-CuH₂NHAc with NH₄OH.HCl according to Goldbahn (*C.A.* 35, 1796°), with the following changes: the reaction mixt. was boiled 2 hrs. and an EtOH soln. of KOH was substituted for MeOH soln. II was hydrolyzed according to Lellmann, with a 2 hr. reflux instead of 0.5 hr., to 76.5% of a compd. (III), m. 142-3°. I and III were diazotized and converted to the Cl derivs. by addn. to the diazonium solns. of CuCl in HCl (1 g. CuCl and 8 cc. concd. HCl per g. base) and the Cl derivs. were altered off after 10-12 hrs. standing; the yield of 1-chloro-4-nitronaphthalene, m. 85°, was 45-55%; that of the 2-nitro isomer, m. 80-1°, was 42%. Condensation with Na₂S according to Hodgson and Leigh (*C.A.* 31, 7867°) gave, resp., 30-50% bis(4-nitro-1-naphthyl) sulfide (IV), m. 332-3°, and 33.5% of the 2-isomer (V), m. 242°; both were crystd. from AcOH. To 1 g. IV there was added 33 cc. AcOH and 0.27 g. 36.8% H₂O₂ and the mixt. was heated on a steam bath 2 hrs., the dild. with H₂O to give 96% of the sulfonide (VI), m. 211° (from MePh). V (0.33 g.) in steam bath 3 hrs., kept warm 1.5 2 hrs., then dild. with H₂O to give 72.2% bis(2-nitro-1-naphthyl) sulfonide, m. 210° (from MePh). VI (1 g.) in 320 cc. AcOH and 0.6 g. 30% H₂O₂ was heated 5 hrs. on a steam bath; dild. with H₂O gave 82.9% bis(4-nitro-1-naphthyl) sulfone, m. 221-2° (from dil. AcOH). Nitration of 1-CuH₂NHAc in a variety of conditions gave isomeric mixts., contrary to Attenberg (*Ber.* 9, 926 (1876)) and Jolin (*Bull. soc. chim.* (2) 28, 315 (1877)).

G. M. Kosolapoff

CA

10

Reaction of sodium disulfide with chlorides of some aromatic acids. H. Yu. O. Gidel and L. P. Shpeter (Kharkov State Univ.). *J. Gen. Chem. (U.S.S.R.)* 17, 2277-82 (1947) (in Russian). -- NaS₂O₄ in boiling EtOH treated with the theoretical amt. of S, boiled 5-10 min., cooled, and cooled gave NaS₂O₄·5H₂O, a yellow solid. p-O₂NC₆H₄COCl (4 g.) was ground in a chilled mortar and treated with alc. NaS₂ (from 2.6 g. Na₂S); the temp. rose to 10-12°, and after stirring 0.5 hr. in the cold and 0.5 hr. at room temp., the mixt. was filtered and the crude product was washed with EtOH and H₂O, taken up in 20 ml. hot CHCl₃, and pptd. by EtOH to give 28.2% bis(p-nitrobenzoyl) disulfide, m. 175-8° (on further crystn., m. 180-1°). Phthaloyl chloride (2 g.) was treated in 5 ml. EtOH at 5-7° with alc. NaS₂ (from 2.5 g. Na₂S) at 6-8°; after 1-2 hrs. in the cold and 12 hrs. at room temp., the white ppt. was filtered off and washed with EtOH and H₂O (crude product m. 104-11°); evapn. of the EtOH ext. gave pure phthaloyl monosulfide, C₁₀H₆O₄S, m. 100-10° (12.5%). No disulfide was isolated, apparently because, if such is initially formed, it spontaneously decomp. into S and the monosulfide. p-AcNHCell-SO₂Cl (9.4 g.) with solid NaS₂ (from 4.8 g. Na₂S), warmed on a steam bath until completely solid, leached with hot H₂O, filtered, and washed, gave 65.2% bis(N-acrylsulfanylyl) disulfide, darkens at 140-65° and decomp. This, on heating with 15% HCl, gave S and sulfanilic acid (and some H₂S); 5% HCl has the same effect on boiling, while concd. HCl is effective on long standing.

G. M. Kosolapoff

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

28001 11P-111A

SEARCHED INDEXED

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

CA

10

Structure of oxidation products of diallyl sulfide. Yu. O. Gabel' and L. P. Shpeter (Khar'kov State Univ.). *Zh. Obshch. Khim.* (J. Gen. Chem.) 21, 1049 51(1951); cf. Levin, *C.A.* 24, 4257. — Refluxing 35 ml. $\text{CH}_2\text{CHCH}_2\text{Br}$ and 69.5 g. Na_2S 1 hr. in 200 ml. hot EtOH gave 31.6% diallyl sulfide, b.p. 35°. This (1 g.) in 2 ml. AcOH with 1.2 ml. 30% H_2O_2 gave 39.5% diallyl sulfoxide, b.p. 52°, also obtained in 22.2% yield from the Grignard reagent from 15 ml. $\text{CH}_2\text{CHCH}_2\text{Br}$ with 6 ml. SOCl_2 . Thus the H_2O_2 treatment does not affect the double bonds. G. M. Kozlovskii

...ENTSEI, N. I.

...elashvili, N. I.

"The Dynamics of Development of the Flowerbuds of Apricots and Pears."
Published by the Acad Sci Georgian SSR. Acad Sci Georgian SSR. Inst.
of Botany. Tbilisi, 1955.
(Dissertation for the degree of Candidate in Biological Sciences)

SO: Knizhnaya letopis' No. 27, 2 July 1955

GABELAYA, R. D.

Digging trenches in water-soaked soil on the route of water lines in the Virgin Territory. Stroi. truboprov. 8 no. 4:21
Ap '63. (MIRA 16:4)

1. Nachal'nik kolonny Stroitel'nogo upravleniya No. 2 tresta
Soyuzprovodmekhanizatsiya, Chelyabinsk.

(Virgin Territory—Earthwork)

GABULAYA, Ye. I.

"The Question of the Plastic MRI-7-10 as a Prosthetic Impl. - 1981." Cand Med Sci,
Tbilisi State Medical Inst, Tbilisi, 1982. (PL, No 16, Apr 82)

SC: Ser. No. 704, 7 Nov 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (16).

CHILLY, R.
YUSHKOV, V., ryadovoy; NIKITIN, Yu., inzh.-leytenant; GABILEV, R., inzh.-
podpolkovnik; RYZHKOV, P., inzh.-podpolkovnik.

Brief proposals. Voen. sviaz. 16 no.1:43 Ja '58.
(Telecommunication)

(MIRA 11:2)

PETROV-MASIAKOV, M.A.; GABELOV, A.A.

[Principles of the organization of obstetrics in rural areas,
general and emergency] Osnovy organizatsii sel'skogo rodovspomo-
zheniia i neotlozhnaia akusherskaia pomoshch'. Leningrad, Medgiz,
1958. 178 p.

(MIRA 11:9)

(OBSTETRICS)

GABELOV, A.A.

Treatment of certain forms of toxicoses of the second half of pregnancy by intraarterial administration of novocaine. Trudy LSGMI 37:186-196 '58. (MIRA 12:8)

1. Kafedra akusherstva i ginekologii Leningradskogo sanitarnogigiyenicheskogo meditsinskogo instituta (zav.kafedroy - prof. M.A.Petrov-Maslakov).

(PREGNANCY TOXEMIAS, ther.

procaine, intraarterial admin. in toxemias of 2nd half of pregn. (Rus))

(PROCAINE, ther. use

toxemias of 2nd half of pregn., intraarterial admin. (Rus))

GABELOV, A.A.

Features of the reaction of the hematopoietic system during
radiotherapy for patients with malignant tumors of the female
genitalia. Vop. onk. 6 no. 9:69-76 S '60. (MIRA 14:1)
(GENERATIVE ORGANS, FEMALE—CANCER)
(HEMATOPOIETIC SYSTEM) (RADIOTHERAPY)

GABELOV, Aleksandr Aleksandrovich; DERANKOVA, Yelizaveta Borisovna;
— ALIIOV, V.I., red.; LEBEDEVA, Z.V., tekhn. red.

[Mastitis] Grudnitsa. Leningrad, Medgiz, 1962. 47 p.
(MIRA 15:10)

(BREAST---DISEASES)

MAZHBITIS, Aleksandr Moiseyevich; GABELOV, A.A., red.

[Operative urogynecology] Operativnaia uroginekologiya.
Leningrad, Meditsina, 1964. 414 p. (MIRA 17:12)

MAKAROV, Roman Romanovich; FIGURNOV, Konstantin Mikhaylovich
[deceased]; GABELOV, A.A., red.

[Clinical lectures on selected obstetric topics] Klini-
cheskie lektsii po izbrannym glavam akusherstva. Lenin-
grad, Meditsina. No.2. 1965. 294 p. (MIRA 18:8)

GABELOV, A.A.; LIRSON, I.L.; TIKHONOV, K.B.

X-ray diagnosis of metastases in the lymph tracts from malignant tumors of the female sex organs. Vop.onk. 11 no.11:32-38 '65. (MIRA 1961)

1. Iz radioginekologicheskogo (zav. - kand.med.nauk A.A.Gabelov) i rentgenodiagnosticheskogo (zav. - doktor med.nauk K.B.Tikhonov) otdelov Tsentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdorovokhraneniya SSSR (direktor - kand.med.nauk Ye.I.Vorob'yev).

1.7.11.11, V. A.

"Use of Radioactive Iodine for in vivo Investigation of Processes
Which Determine the Functional Activity of the Thyroid Gland in Man."
Soviet Biol Sci, Inst of Physiology, Acad Sci USSR, Leningrad, 1954.
(RZhKhim, No 17, Sep 54)

SC: Sum 432, 19 Mar 55

GABELOVA, N.A

FRANK, G.M.; GABELOVA, N.A.; MARKELOV, V.V.; MARTUSOV, Ye.T.(Moskva)

Radiograph, a universal nonlinear integrating device for in vivo
research by means of radioactive isotopes. Biul. eksp. biol. i med.
41 no.1:73-76 Ja. '56. (MLRA 9:5)

(ROENTGENOGRAPHY, appar. and instruments
universal non-linear integrating device for research during
lifetime with radioactive isotopes)

GABELOVA, N. A. and M FRANK, G. M.

"Techniques for the Study of Rapid Substance Movement in a Living Organism
Using Gamma-Radioactive Isotopes."

paper to be presented at 2nd UN Intl. Conf. on the peaceful uses of Atomic
Energy, Geneva, 1 - 13 Sept 58.

GABELOVA, N.A.: FRANK, G.M.

Studying rapid translocations of substances in the organism by the use of gamma-irradiating isotopes. Biofizika 3 no.2:237-243 '58.

(MIRA 11:4)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

(RADIOACTIVE TRACERS) (GAMMA RAYS) (PHYSIOLOGY--RESEARCH)

GABELOVA, N. A.

Role of diffusion in biological processes. Biofizika 4 no. 6:759-763
'59. (MIRA 14:4)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(DIFFUSION)

27.4000

29769
S/194/61/000/006/053/077
D201/D302

AUTHOR: Gabelova, N.A.

TITLE: Isotope methods of analyzing a living organism

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 6, 1961, 7, abstract 6 E44 (Elektronika v meditsine, M.-L., Gosenergoizdat, 1960, 338-347)

TEXT: A 4-channel radiograph has been designed at the Institute of Biophysics of the AS USSR, in which is used a non-linear integral recording with continuous printing in time of gamma-radiation. The non-linear dependence of indications on the gamma-radiation intensity permits a stronger contrasting of sections. It is thus possible to carry out investigations at much smaller radiation doses than those when a collimation counter is being used. The non-linearity of the radiograph indications makes possible automatic control of pulse amplitudes depending on frequency, the integrating

X

Card 1/2

Isotope methods...

29769

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D201/D302

current being approximately proportional to the square of intensity of gamma-radiation which penetrates the crystal of the luminescent counter. The results of the application of the radiograph for the study of limb blood supply are described. Mention is made of a new scanning device called a gamma-graph. [Abstracter's note: Complete translation] X

Card 2/2

(GABELOVA, N.A.; ARAKOLOV, O.G.; MARTUSEV, L.T.; LYASS, F.M.

Device for automatic gammagraphy in clinical isotope studies. Med.
rad. 5 no.6:61-64, '60. (MIRA 13:12)
(GAMMA RAYS—MEASUREMENT)

GABELOVA, N.A.; MALOV, G.A.

Clinical use of multichannel radiography in research on the
function of the cardiovascular system. Med. rad. 5 no.12:17-29
'60. (MIRA 14:3)

(CARDIOVASCULAR SYSTEM—RADIOGRAPHY)

GABELOVA, N.A. [Habelova, N.A.], starshiy nauchnyy sotrudnik, kand.biolog.
nauk (Moskva)

Physician's assistants. Nauka i zhyttia 10 no. 11:42-44 N '60.
(MIRA 14:4)

1. Institut biologicheskoy fiziki AN SSSR.
(Radioactive tracers)

GABELOVA, N.A.

First International Biophysics Congress in Stokholm, July 31 -
August 4, 1961. Biofizika 7 no.1:103-116 '62. (MIRA 15:5)
(BIOPHYSICS—CONGRESSES)

GABELOVA, N.A.; KOBYAKOV, V.V.; KOZMAN, Ye.B.

Structural shifts in actomyosin detected by the infrared spectroscopic method. Report no.1: Stretching, heating, hydration. Biofizika, 7 no.2: 125-136'62. (MIRA 16:8)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(ACTOMYOSINS—SPECTRA) (SPECTRUM, INFRARED)

GABELOVA, N.A.; KOBYAKOV, V.V.

Structure of muscle proteins in relation to the problem of
muscle contraction. Biofizika 7 no.4:387-401 '62. (MIRA 15:11)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(PROTEINS) (MUSCLES--MOTILITY)

KOBYAKOV, V.V.; GABELOVA, N.A.

Conditions of ~~A~~ transition in actomyosin films during stretching. Biofizika 7 no.6:691-699 '62. (MIRA 17:1)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

GABELOVA, N. A.; KOBYAKOV, V. V. /

"Frequencies and the Shape of NH and ND Bands in Muscle Proteins and their Relation to the Conformation of the Polypeptide Chain."

report: submitted to 11th Intl Spectroscopy Colloq, Belgrade, 30 Sep-4 Oct 63.

Inst Biochemistry, AS USSR, Moscow

GABELOVA, N.A.; KOBEAKOV, V.V.

Muscular protein structure in connection with the muscular contraction problem. Analele biol 17 no.2:29-46 Mr-Apr '63.

KOREYSHA, L.A., prof.; ZHAGRIN, A.G.; LYASS, F.M.; SPIRIN, B.G.; GABELOVA,
N.A., (Moskva)

Study of hemodynamics in patients with focal diseases of the
central nervous system with the aid of labelled sodium. Vop.
neirokhir. 27 no.1 Ja-F '63. (MIRA 16:5)

1. Nauchno-issledovatel'skiy institut neyrokhirurgii imeni
N.N.Burdenko AMN SSSR.

(NERVOUS SYSTEM—DISEASES) (SODIUM ISOTOPES)
(BLOOD—CIRCULATION)

GABELOVA, N. A.

"Contractibility of thick filaments and its possible role in the mechanism of contraction."

Report to be submitted for the Second General Assembly of the International Organization for Pure and Applied Biophysics (IOPAB), Paris, France, 22-27 June 1964.

GABRILOVA, N.A.; A EYNIKOVA, E.S.; FRANK, G.M.

Unusual remodeling of the striated structure of myofibrils
with shortening of the anisotropic disks. Dokl. AN SSSR 155
no. 5:1192-1193 Ap '64. (MIRA 17:5)

1. Institut biologicheskoy fiziki AN SSSR. 2. Chlen-korrespond-
ent AN SSSR (for Frank).

GABELOVA, V. O.

Gabelova, V. O. "Experience in using insulin in serious diseases of diphtheria patients," Trudy Azerbaydzh. nauch.-issled. in-ta okhrany materinstva i mladenchestva i pediater. kafedr Azerbaydzh. med. in-ta, Baku, 1949, p. 258-60, (In Russian and Azerbaijani).

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

GABEMAN, A.V.
USSR/ Meteorology

Card 1/1 Pub. 86 - 26/40

Authors : Gabeman, A. V. Professor

Title : Winter Storms

Periodical : Priroda 3, page 110, Mar 1954

Abstract : A brief report is presented on a thunderstorm, which occurred in the
Kalinin region on December 1, 1951.

Institution : The Pedagogical Institute, Kalinin

Submitted :

GABER, G.

USSR/Physical Chemistry, Kinetics, Combustion, Explosions,
Topochemistry, Catalysis.

B-9

Abs Jour : Ref Zhur - Khimiya, No 7, 1957, 22434.

Author : G. Deren, G. Gaber, S. Mrovets.

Inst : Not given

Title : Connection between catalytic activity and electric conduct-
ivity of catalyzers mixture ZnO-Cr₂O₃.

Orig Pub : Byul. Polskoy AN, 1956, Otd III, 4, No 2, 103-107.

Abstract : Catalytic activity (CA) (i.e. quantity of CH₃CHO formed by
dehydrogenation of C₂H₅O₄ in a 20% mixture with water) and
electro conductivity (σ) of the following substances are stu-
died: 4ZnO + Cr₂O₃; 3ZnO + Cr₂O₃; 2ZnO + Cr₂O₃; ZnO + Cr₂O₃;
ZnO + 2Cr₂O₃; ZnO + 3Cr₂O₃; ZnO + 4Cr₂O₃; ZnO and Cr₂O₃ at
250-550°. In case of catalyzers with high contents of ZnO σ -
grows during the reaction process as on electronic semiconduc-
tors (RZhKhim. 1956, 28534). In case of catalyzers more rich
in Cr₂O₃ σ falls in the process of reaction at temperatures
< 450°; at temperature > 450° σ falls at the beginning and
then grows, as it was observed for holed semiconductors.
(RZhKhim., 1956, 39075). For ZnO, 3ZnO + Cr₂O₃ and 4ZnO + Cr₂O₃,

Card 1/2

-143-

USSR/Physical Chemistry, Kinetics, Combustion, Explosions,
Topochemistry, Catalysis.

B-9

Abs Jour : Ref Zhur - Khimiya, No 7, 1957, 22434.

CA and σ^- grow with the increase in temperature, attain their maximum at 350° and then fall. For $2\text{ZnO} + \text{Cr}_2\text{O}_3$, $\text{ZnO} + \text{Cr}_2\text{O}_3$, $\text{ZnO} + 3\text{Cr}_2\text{O}_3$, $\text{ZnO} + 4\text{Cr}_2\text{O}_3$ and Cr_2O_3 - CA and σ^- grow with the increase in temperature, attains maximum at 350° and then drop but σ^- falls uninterruptedly with the increase in temperature. For $\text{ZnO} + \text{Cr}_2\text{O}_3$ CA and σ^- grow with the increase in temperature, attain their maximum at 400° , then pass through their minimum at 450° , and then grow again. In all cases there exists a linear relation between CA and $\Delta \lg \sigma^-$ (i.e. variations of the value of $\lg \sigma^-$).

Card 2/2

-144-

BELYANSKIY, Adam; DEREN', Georgiy; GABER, Georgiy

Electric conductivity of semiconductor catalysts. Probl. kin. i kat.
10:37-49 '60. (MIRA 14:5)

1. Gorno-metallurgicheskaya akademiya, Krakov.
 (Semiconductors) (Catalysts)

GABER, I.M.

Selective effect of certain stimulants on reflexes from chemoreceptors.
Report no.2: Effect of streptomycin on interoceptive reflexes in
tuberculosis in animals. Biul. eksp. biol. i med. 40 no.11:25-28
M '55. (MLRA 9:1)

1. Iz otdela eksperimental'noy patologii) zav.-kandidat meditsinskikh
nauk G.S. Kan) Leningradskogo nauchno-issledovatel'skogo tuberkulezn-
ogo instituta (dir.-prof. A.D. Semenov)

(STREPTOMYCIN, effects)

on reflexes from chemoreceptors in exper. tuberc.)

(TUBERCULOSIS, experimental,

eff. of streptomycin on reflexes from chemoreceptors in)

(REFLEX, chemoreceptor reflexes in exper. tuberc.,

eff. of streptomycin)

GABER, I. E.

USSR/ Pharmacology. Toxicology. Chemotherapeutical V
Preparations

Abs Jour : Ref Zhur-Biol., No 8, 1958, 37702

Author : Gaber I. E.

Inst : Not given

Title : Effect of Saluzid on Reflexes from the Interoceptors. (O vliyanii sal'uzida na refleksi s interotseptorov).

Orig Pub : Byul. eksperim. biol. i meditsiny, 1956, 42, No 9, 25-27

Abstract : The experiments were carried out on cats (19) under urethan anesthesia. The reflexes from the interoceptors of the small intestine were studied by the perfusion method of research on an isolated section of the small intestine connected with the organism by the mesentery nerves.

Card 1/2

GABER, I.E.

Effect of saluzid on reflexes from interoceptors. Biul. eksp. biol. i med. 42 no.9:25-27 S '56. (MLRA 9:11)

1. Iz otdela eksperimental'noy patologii (zav. - kandidat meditsinskikh nauk G.S.Kan) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza imeni A.Ya.Shternberga (dir. - prof. A.D.Semenov) i otdela khimioterapii (zav. - prof. G.N.Pershin) Vsesoyuznogo nauchno-issledovatel'skogo khimiko-farmatsevticheskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR V.N.Chernigovskim.

(ISONIAZID, effects,

on blood pressure & resp. responses to stimulation of small intestine (Rus))

(BLOOD PRESSURE, physiology,

eff. of small intestine stimulation eff. of isoniazid on responsiveness (Rus))

(RESPIRATION, physiology,

same)

(INTESTINE, SMALL, physiology,

eff. of stimulation on blood pressure & resp. in isoniazid-treated animals (Rus))

Country : USSR V
 Category= : Pharmacology and Toxicology. Chemotherapeutic Preparations. Antibiotics
 Abs. Jour. : Ref Zhur-Biol, No 13, 1958, No 61535
 Author : Gaber, I. E.
 Institut. :
 Title : On the Selective Effect of Certain Chemical Stimuli upon Reflexes from Interoceptors. Report IV. On the Effect of Streptomycin upon Reflexes
 Orig. Pub. : Byul. eksperim. biol. i meditsiny, 1957, 43, No 5, 96-99
 Abstract : Experiments were carried out on decerebrated cats. Reflex reactions to blood pressure and respiration from the chemoreceptors of the small intestine were induced by stimulation of the latter with acetylcholine, nicotine and CO₂ under conditions of perfusion of the organ isolated from the circulation. Reflex reactions from
 * from Chemoreceptors and Mechanoreceptors under Conditions of Decerebration

Card: 1/3

Experimental Pathology. Summary Sci. Res. Tuberculosis Inst.
 V - 34

again, and during 1.5 hours after its introduction. Observations showed a decrease of reflexes

Card: 2/3
 Card: 3/3

RABER, I.E.; KAN, G.S.; KRASUSKIY, V.K.

Study of higher nervous activity in experimental tuberculosis.
Report No.1: Conditioned food secretory reflexes in dogs against
the background of tuberculosis infection and during streptomycin
therapy. Biul. eksp. biol. i med. 50 no.7:46-51 J1 '60.

(MIRA 14:5)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. -
kand.med.nauk G.S. Kan) Leningradskogo nauchno-issledovatel'skogo
instituta tuberkuleza (dir. - prof. A.D.Semenov) i laboratorii
eksperimental'noy genetiki (zav. - doktor biologicheskikh nauk
V.K.Krasuskiy) Instituta fiziologii Akademii nauk SSSR imeni
I.P.Pavlova (dir. - akademik K.N.Bykov [deceased]). Predstavlena
deystvitel'nym chlenom AMN SSSR V.N.Chernigovskim.

(TUBERCULOSIS)

(STREPTOMYCIN)

(CONDITIONED RESPONSE)

GABER, I.E., starshiy nauchnyy sotrudnik

Effect of tuberculosis infected blood from an animal donor on the functional state of the chemoreceptors of the small intestine in a healthy animal recipient. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2:23-30 '61. (MIRA 15:10)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - G.S.Kan) Leningradskogo gosudarstvennogo nauchno-issledovatel'skogo instituta tuberkuleza.
(INTESTINES--INNERVATION) (BLOOD--TRANSFUSION) (TUBERCULOSIS)

GABER, I.E., starshiy nauchnyy sotrudnik; MIKELADZE, A.L., starshiy
nauchnyy sotrudnik

Effect of experimental tuberculosis of the small intestine on
interoceptive reflexes and the structure of the intramural nerve
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News photography is the combat weapon of our press. Sqv, foto 21
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